

## PIKE COUNTY: Key Data Points

- Pike county observes a slightly lower total birth rate than the state of Indiana overall, 10.4 versus 13.9 respectively.
- Pike county, compared to the state overall, has a lower percentage of women delivering low birth weight babies, 7.4% versus 7.9% respectively.
- A higher percentage of women in the county are utilizing prenatal care during the first trimester of pregnancy, compared to the state of Indiana overall, 83% versus 80.6% respectively
- A higher percentage of women are smoking during pregnancy when compared to the state overall, 25.2% versus 18.5% respectively.
- A much lower percentage of the county's women are breastfeeding on discharge compared to the state (47.4% versus 63.2%, respectively)
- Pike county witnessed 1 motor vehicle accidental death, and 2 suicidal deaths

**Note:** All figures relate to 2003 data from the Indiana State Department of Health, unless otherwise specified

**Figure 1. Births**

|                    | Total  |             | White  |             | Black  |             | Other  |             |
|--------------------|--------|-------------|--------|-------------|--------|-------------|--------|-------------|
|                    | Number | Crude Rate* | Number | Crude Rate* | Number | Crude Rate* | Number | Crude Rate* |
| <b>Pike County</b> | 135    | 10.4        | 134    | 10.4        | 0      | 0(U)        | 1      | 15.2(U)     |
| <b>INDIANA</b>     | 86,382 | 13.9        | 75,422 | 13.7        | 9,288  | 17.5        | 1,672  | 10.6        |

\* births per 1,000 population; U = unstable rate, based on fewer than 20 births

**Figure 2. Mortality**

|                     |                         | NUMBER      |                        |                             |                                    | RATE*                  |                             |                                    |
|---------------------|-------------------------|-------------|------------------------|-----------------------------|------------------------------------|------------------------|-----------------------------|------------------------------------|
| COUNTY OF RESIDENCE | REPORTED RACE/ETHNICITY | Live Births | Infant Deaths (< 1 yr) | Neonatal Deaths (< 28 days) | Post Neonatal Deaths (28-364 days) | Infant Deaths (< 1 yr) | Neonatal Deaths (< 28 days) | Post Neonatal Deaths (28-364 days) |
| <b>PIKE</b>         | All Races               | 135         | 1                      | 1                           | 0                                  | **                     | **                          | 0                                  |
|                     | White                   | 134         | 1                      | 1                           | 0                                  | **                     | **                          | 0                                  |
|                     | Black                   | 0           | 0                      | 0                           | 0                                  | 0                      | 0                           | 0                                  |
|                     | Other                   | 1           | 0                      | 0                           | 0                                  | 0                      | 0                           | 0                                  |
|                     | Hispanic                | 0           | 0                      | 0                           | 0                                  | 0                      | 0                           | 0                                  |
| <b>INDIANA</b>      | All Races               | 86,382      | 641                    | 417                         | 224                                | 7.4                    | 4.8                         | 2.6                                |
|                     | White                   | 75,422      | 479                    | 309                         | 170                                | 6.4                    | 4.1                         | 2.3                                |
|                     | Black                   | 9,288       | 148                    | 98                          | 50                                 | 15.9                   | 10.6                        | 5.4                                |

|  |          |       |    |    |    |     |     |    |
|--|----------|-------|----|----|----|-----|-----|----|
|  | Other    | 1,672 | 14 | 10 | 4  | **  | **  | ** |
|  | Hispanic | 6,763 | 38 | 22 | 16 | 5.6 | 3.3 | ** |

\*rate per 1,000 live births \*\*Numerator is less than 20 and the rate is unstable

**Figure 3. Outcome Indicators of Mother, by Race**

| PIKE COUNTY | Total Births | Birth Weight         |                           |             |                       | During Pregnancy |          | % Unmarried Parents |
|-------------|--------------|----------------------|---------------------------|-------------|-----------------------|------------------|----------|---------------------|
|             |              | % Low (< 2500 grams) | % Very Low (< 1500 grams) | % Preterm † | % PNC 1st Trimester ‡ | % Alcohol        | % Smoked |                     |
| All Races   | 135          | 7.4                  | 0.7                       | 11.1        | 83                    | 0                | 25.2     | 34.8                |
| White       | 134          | 7.5                  | 0.7                       | 11.2        | 82.8                  | 0                | 24.6     | 34.3                |
| Black       | 0            | **                   | **                        | **          | **                    | **               | **       | **                  |

| INDIANA   | Total Births | Birth Weight         |                           |             |                       | During Pregnancy |          | % Unmarried Parents |
|-----------|--------------|----------------------|---------------------------|-------------|-----------------------|------------------|----------|---------------------|
|           |              | % Low (< 2500 grams) | % Very Low (< 1500 grams) | % Preterm † | % PNC 1st Trimester ‡ | % Alcohol        | % Smoked |                     |
| All Races | 86,382       | 7.9                  | 1.4                       | 9.9         | 80.6                  | 0.6              | 18.5     | 37.1                |
| White     | 75,422       | 7.2                  | 1.2                       | 9.5         | 82.1                  | 0.6              | 19.1     | 32.6                |
| Black     | 9,288        | 13.3                 | 3.3                       | 13.3        | 68.2                  | 1.1              | 15.2     | 76.3                |

† Preterm: less than 37 weeks gestation

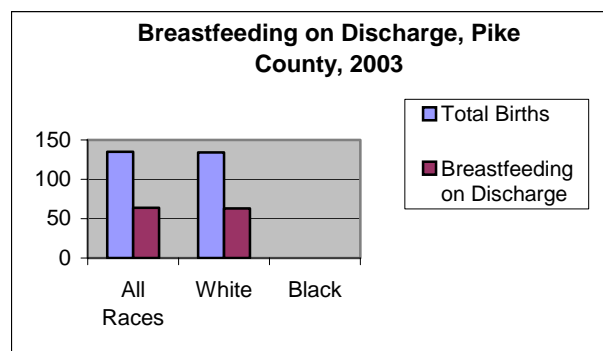
‡ PNC: Prenatal Care

'S' Significantly different than the state percent

\*\*\* Outcomes for this county are suppressed due to 20 or fewer total births

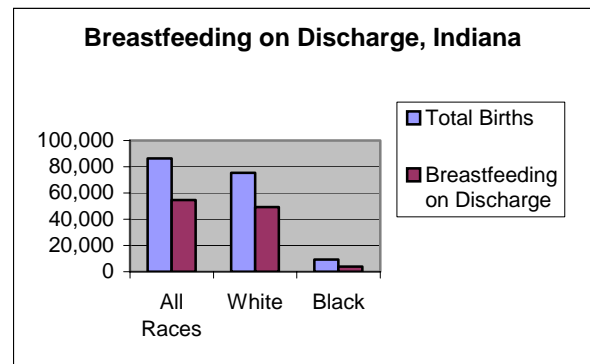
**Figure 4. Breastfeeding**

| PIKE COUNTY                  | All Races | White | Black |
|------------------------------|-----------|-------|-------|
| Total Births                 | 135       | 134   | 0     |
| Breastfeeding on Discharge   | 64        | 63    | 0     |
| % Breastfeeding on Discharge | 47.4      | 47    | --    |



**Figure 4. Breastfeeding**

| INDIANA                             | <i>All Races</i> | <i>White</i> | <i>Black</i> |
|-------------------------------------|------------------|--------------|--------------|
| <b>Total Births</b>                 | 86,382           | 75,422       | 9,288        |
| <b>Breastfeeding on Discharge</b>   | 54,636           | 49,385       | 3,959        |
| <b>% Breastfeeding on Discharge</b> | 63.2             | 65.5         | 42.6         |



**Figure 5. HIV/AIDS**

|                    | <b>Total # of AIDS cases reported since 1982</b> | <b>Total # of HIV cases reported since 1985</b> |
|--------------------|--|---|
| <b>PIKE COUNTY</b> | 4  | 1   |
| <b>INDIANA</b>     | 7,641  | 3,856   |

\*data gathered from June 2005 HIV/STD Quarterly Report

**Figure 6. Nutritional Risk Factors by Status,**  
Indiana WIC Clinics, Quarter Ending 09/30/2004

| Local Agency: St. Mary's Warrick<br>Counties Included: Pike, Warrick, Perry, Spencer |                           |       |          |       |       |       |                 |
|--|---------------------------|-------|----------|-------|-------|-------|-----------------|
| Risk Factor or Status  | Children 1-5 years of Age |       |          |       |       | Total | % within Agency |
|  | White                     | Black | Hispanic | Asian | Other |       |                 |
| Overweight   | 35                        | 0     | 2        | 0     | 2     | 39    | 3.3%            |
| At Risk for becoming Overweight  | 59                        | 0     | 3        | 0     | 1     | 63    | 5.3%            |
|  |                           |       |          |       |       |       |                 |
| Local Agency: State Wide<br>Counties Included: All                                   |                           |       |          |       |       |       |                 |
| Risk Factor or Status  | Children 1-5 years of Age |       |          |       |       | Total | % within Agency |
|  | White                     | Black | Hispanic | Asian | Other |       |                 |
| Overweight   | 1,732                     | 445   | 800      | 12    | 97    | 3,086 | 4.8%            |
| At Risk for becoming Overweight  | 2,023                     | 485   | 639      | 11    | 124   | 3,282 | 5.1%            |

| Priority Issues (Pike & Indiana)  |   |        |         |
|---|---|--------|---------|
| Demographics: Percentage of population enrolled in Medicaid,<br>Percentage of population enrolled in Food Stamps.   |   | Pike   | Indiana |
| 2   | % of Population enrolled in Medicaid as of June 2003                                | 13     | 12.4    |
| 3   | % of Population in Food Stamps Program, 2004  | 7.9    | 8.6     |
| Priority #1 (pregnancy outcomes): Average Infant Mortality Rate,<br>Average Fetal death Rate  |   | Pike   | Indiana |
| 1   | Av Total Infant Death Rate (1993-2002)  | NS     | 8.1     |
| 2   | Average Fetal Death Rate (1994-2003)  | 6.0    | 6.7     |
| Priority #2 (reduce barriers): Health Professional Shortage Areas,<br>Percentage of women with prenatal care in first trimester   |   | Pike   | Indiana |
| 1   | Scores for Primary Care Health Professional Shortage Areas (HPSAs)<br>(2005)        | 7      | NA      |
| 2   | % PNC 1st Trimester†, 2003  | 83.0   | 80.6    |
| Priority #4 (environmental): Prevalence of asthma, Childhood lead<br>poisoning  |   | Pike   | Indiana |
| 1   | Prevalence of Asthma in a Medicaid Cohort of Children age 0-17 years,<br>2003       | 8.2    | 10.4    |
| 2   | %Estimated Lead Blood Levels (%EBLL) for Children under 6 years old<br>FY 2004-2005 | NA     | 2.1     |
| Priority #5 (tobacco): Percentage of mothers who smoked during<br>pregnancy, Percentage of Adult Smoking  |   | Pike   | Indiana |
| 1   | % of mothers Smoked During Pregnancy, 2003  | 25.2   | 18.5    |
| 2   | % of Adult Smoking in 2003  | 32     | 29.3    |
| Priority #7 (adolescent risk behaviors): Adolescent deaths due to motor<br>vehicle accidents, Chlamydia rates (ages 15-24).   |   | Pike   | Indiana |
| 1   | Number of Adolescent (15-24) deaths due to Motor vehicle accidents<br>(2001-2003)   | 5      | 748     |
| 2   | Chlamydia rates per 100,000 county specific population (15-24yrs of<br>Age)         | 416.42 | 1541.49 |
| Priority #8 (obesity): Obesity in pregnant women  |   | Pike   | Indiana |
| 1   | Number of Obese Pregnant Women In Indiana, 2003                                     | 5      | 2,496   |
| Priority #9 (domestic violence, childhood injury): Child deaths due to<br>Injury, Child abuse and neglect rates   |   | Pike   | Indiana |
| 1   | Child deaths due to Injury 1-14yrs (2001-2003)                                      | 1      | 257     |
| 2   | Child Abuse and Neglect per 1,000 Population under age 18, 2004                     | 33.9   | 13.5    |
| Priority #10 (To improve racial and ethnic disparities in women of<br>childbearing age, mothers, and children's health outcomes): Percentage<br>of Hispanic Population of any Race, LBW Disparity Ratio |   | Pike   | Indiana |
| 1   | % of Hispanic Population of any Race, July,1,2004                                   | 0.6    | 4.3     |
| 2   | Low Birth Weight Disparity Ratio (B/W) (1993-2002)                                  | NS     | 1.92    |
| Source: Data Analysis Team, ISDH. Notes: 1. NS= Not Stable 2. NA = Not Available 3. Infant Mortality rate and Fetal Death   |   |        |         |

rate is for 1000 live births. 4. Low Birth Weight: Birth Weight Less than 2,500grams. 5. HPSA Score ranges 1 – 25. The higher the score, the higher the need. 6. EBL: Ten (10) micrograms of lead per deciliter of whole blood for one venous test; %EBL is based on screening rate of 27% Statewide, unduplicated kids 7. Obesity in Pregnant Women determined by "Concurrent Illness Obesity" checkbox on the birth certificate 8. PNC percentages are calculated using total births in each county.